

*To find out what one is fitted to do,  
and to secure an opportunity to do it,  
is the key to happiness. -- John Dewey*

## **A Note From Our Chairman**

The summer of 2005 is waning and we are busy getting the machines back for the FY2006 run. We do not have a budget yet from Congress, but all indications are that we will be okay this coming year.

The DOE is busily preparing to present the EBS Project for CD1 approval in September. In the meanwhile, we have committed the first major order for a superconducting solenoid magnet with NASA funds.

Unfortunately the RSVP was not approved by the NSF. The Science article fingered the increased AGS costs for its demise. Don't believe most "facts" that you read in the media. The total construction cost increase for the AGS was \$19M out of a total project cost increase of ~\$140M. The operating cost number of \$250M for 8 years of operation is an invention that is inconsistent with our yearly estimate of \$13M as well as all other scenarios that assume no DOE Nuclear Physics operations.

The Energy Recovery Linac project is moving ahead quite rapidly, both technically and financially. The ERL is the key to electron cooling of RHIC ion beams. The US Navy has also been supporting this effort at both BNL and JLab. The symbiosis of both ERL needs has brought us substantial additional funding, several millions of dollars, to expedite the R&D project.

I would like to commend everyone for continuing our record of no serious injuries and no lost workdays. We cannot relax our attitude and performance in the area of safety. Keep up the excellent performance.



*Derek Lowenstein*

*God Bless The U.S.A.!*

## **Administration**

The administrative group is in the process of preparing for fiscal year end closing on Friday, September 30. At that point in time, our year-to-date expense for all programs should reflect the value of all effort performed during the year and all goods and services received during the year.

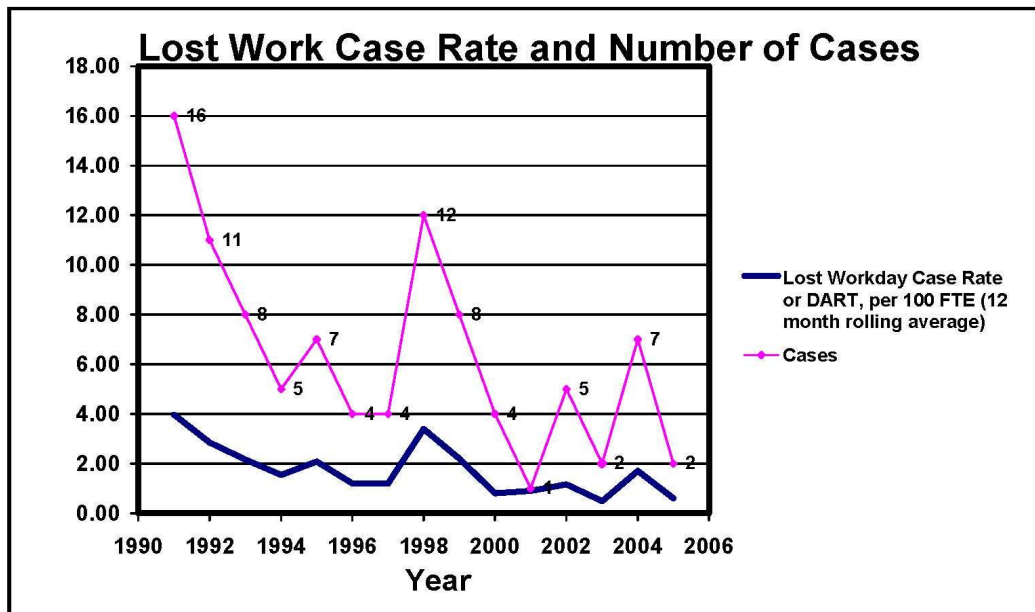
Since our expenses for the last week, or so, of each month are processed in following month, ending the year with an accurate accounting of expense through September 30<sup>th</sup> requires additional effort. In order to capture direct labor

effort through the 30<sup>th</sup>, the September time card extends beyond the customary cut-off on the 20<sup>th</sup> of the month and includes effort through the final day of the month. Likewise, Plant Engineering and Central Shops bill for services through the end of the month. Power costs, normally billed in the month following actual consumption are estimated for September and charged to the program as an accrual. Vendor effort on all for construction, service and maintenance contracts is also estimated as of September 30 and billed to the contract via the accrual process.

While we make every effort to have our year end books reflect the value of all work performed during the year, we must still insure that our year-to-date expense does not exceed our budget authority. To that end, we ask that you limit overtime where possible and delay purchases where feasible. If you have questions regarding the status of your project and/or program, please contact us. We would be happy to review your financial status with you.



**Stephanie LaMontagne-McKeon**



### C-AD Occupational Injury Statistics

For Year 2003

For Year 2005

First Aid Cases	5	0
Recordable Cases	11	3
Lost Work Cases	4	1



**REMINDER:** TLD exchange is done the FIRST FRIDAY of the Month.

**NEXT EXCHANGE:** Have your TLD on its assigned badge board by

**Friday, October 7, 2005**

*Pete Cirnigliaro*

*God Bless The U.S.A..!*

THIS MESSAGE IS BEING FORWARDED ON BEHALF OF PETER YAMIN.

Dear Colleagues,

The next Brookhaven High Energy and Nuclear Physics Program Advisory Committee meeting will be held at Brookhaven on Thursday-Saturday, 3-5 November 2005. Submissions to be considered at this meeting are due in the HENP office by 30 September 2005. The agenda and updated information will be posted, as it becomes available, on <http://www.bnl.gov/henp/pac.asp>.

Peter Yamin

*God Bless The U.S.A..!*

Darryl Goldberg, Sr. Technician started August 29 with Nick Laloudakis in the RF Group.

David Boeje, Preinjector Systems Group left September 8.

Mwesigwa Musisi-Nkambwe, Access Controls Group will be leaving September 30.

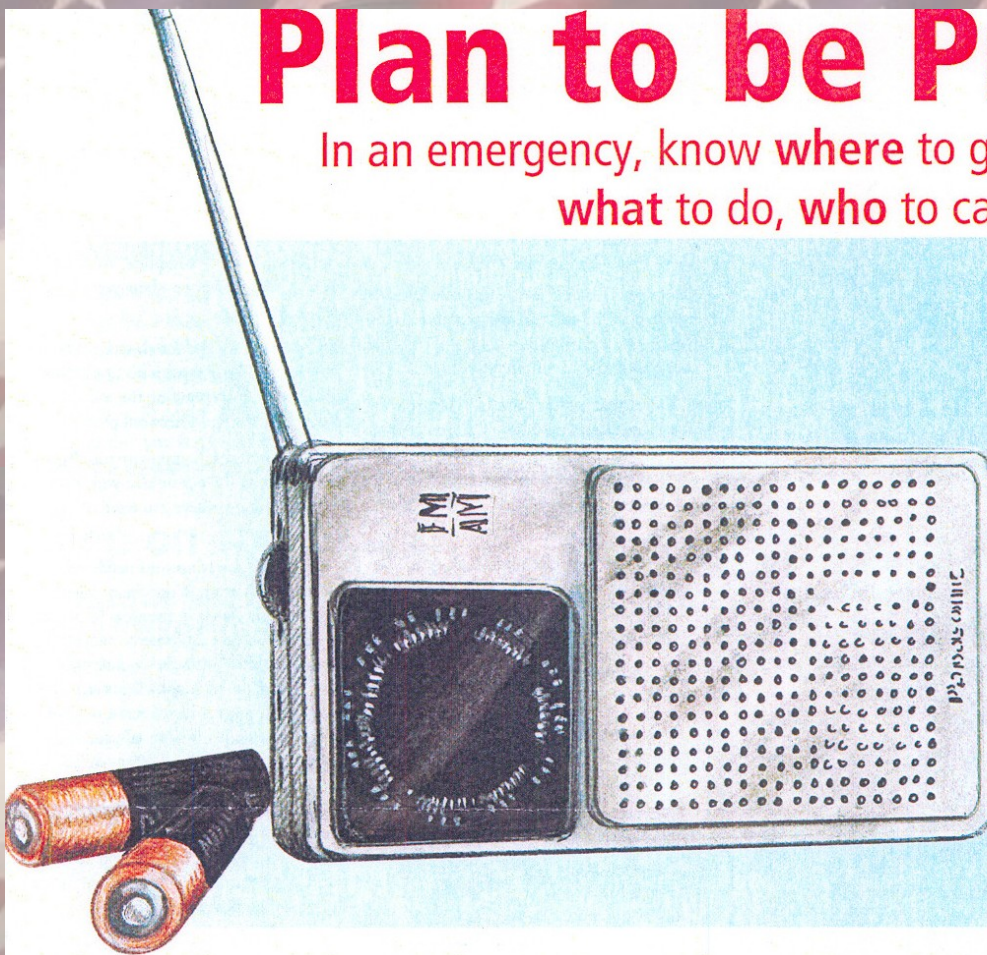
Christopher Werth, Machine Operations Group left August 26.

*God Bless The U.S.A..!*



# Plan to be Prepared

In an emergency, know where to go,  
what to do, who to call.



"We interrupt this programming for a test of the Emergency Alert System.

This is only a test.  
If this were a real emergency, you would ..."

Take a moment and finish that thought. If faced with an actual emergency that threatened your health or safety, would you know what to do? Does your family have the knowledge or resources to help them respond quickly and appropriately?

Now is your opportunity to answer these questions and prepare your household—so that you will be ready no matter what happens. Having the right supplies on hand can make life easier during a power outage, flood, storm or other emergency. Even though it's unlikely that you would be unable to leave your home, you should have a reserve supply of food, water and other essentials that will last from three to seven days. Take time now to create a family emergency preparedness plan, then, practice it with your family. Have periodic rehearsals,

including some with the lights out. In an emergency, the electricity may be off.

Make sure everyone in your family knows where you keep your emergency supplies and your first aid kit. Make sure you have a battery-operated radio or TV with extra batteries in case the power goes out. Know which station(s) can provide you with up-to-date local information. Know the best escape route from each room in your home and where family members will meet in case they can't get home. Know your community's public alert system and your child's school emergency plan.

This supplement, sponsored by the New York State Department of Health, will give you lots of useful advice to help keep you and your family safe. Look inside to learn more!

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State of New York  
George E. Pataki, Governor

Department of Health  
Antonia C. Novello, M.D., M.P.H., Dr. P.H., Commissioner

Pub. #7070

Rev. 7/05



# September is National Preparedness Month

Whether it's a widespread power outage, severe weather, health threat or any other emergency, it pays to be prepared. The ability to respond quickly and effectively is crucial to help keep New Yorkers safe. That's why our State is joining with federal officials in observing September as "National Preparedness Month." The lesson for all of us is that while we can't predict when an emergency will happen, we can prepare ourselves and our families to help get through it safely.

That lesson is more important than ever in this post-9/11 era. New York State has been working diligently to identify, prevent and respond to threats to public health and safety and we have made outstanding progress. However, equally important to our excellently trained health and safety professionals are New York's knowledgeable and concerned citizens. What can you do? Be prepared for any type of emergency by planning ahead and taking sensible steps that will help protect you and your family in the event of a natural disaster, widespread illness or terrorism-related event. The information in this supplement can get you started. If you would like to know more, contact your local health department or check the New York State Health Department website at [www.health.state.ny.us](http://www.health.state.ny.us) Do it today—because it's always a good plan to be prepared!

## Food for Thought

In case of an emergency, you should have a three to seven day supply of food on hand for each member of your family, but what kinds of food are best and how can you be sure they will be safe to eat when you need them? Use the tips below to help you plan.

- Tailor your supply of food to the type of things your family normally eats. Familiar foods can lift morale and give a feeling of security in times of stress.

- Consider whether there is anyone in your family with special diets or allergies that you need to accommodate.

- Buy foods that need no refrigeration and little or no preparation or cooking.

- Build up your reserves by buying a few extra items a week until you have a supply large enough to feed your family for three to seven days.

- Have extra fuel/charcoal on hand if you own a grill or camp stove. Never use a grill or camp stove inside the house

because dangerous carbon monoxide fumes could build up and cause illness or even death.

- Keep an appliance thermometer in your refrigerator and freezer at all times. This will eliminate the guess work about how cold the unit is and tell you if the food is safe to eat. The refrigerator should be set at 40 degrees or less and the freezer at 0 to 10 degrees Fahrenheit.

- Keep your freezer as full as possible. A full freezer will keep food cold longer and also is more energy efficient.

- If you fear a power outage is likely, turn your refrigerator and freezer to their coldest setting. If the electricity goes off, this will extend the length of time the food will keep without spoiling.

- Buy freeze-pack inserts or fill plastic jugs with water and keep them frozen. Put them in the refrigerator as soon as possible after the power goes off.

- Know where dry and block ice can be purchased.

## Helpful Hints

- Keep canned food in a dry, dark area where the temperature is fairly cool — between 32 and 70 degrees Fahrenheit.
- To protect foods from pests and extend their shelf life, store them in tightly closed cans or metal containers. Do not store your reserve food supply in the basement if it is prone to flooding.
- Rotate your reserve food supply. Try to use food by the "best if consumed by" date. If foods don't have a "best if consumed by" date, then mark (in ink) the date you purchased the item. Place new items at the back of the storage area and older ones in the front.
- Inspect your reserves periodically to make sure there are no broken seals or dented containers.

## Other Emergency Preparations

- Keep your electric and natural gas company's emergency number on or near your phone.
- Keep your water company's emergency number on or near your phone.
- Know when and how to safely turn off your electric, gas and water supplies. Have the tools available to turn off these services if it becomes necessary.
- Contact your utility company if anyone in your household uses life-sustaining equipment, such as a kidney dialysis machine or respirator. Your utility company can advise you how to prepare for power outages.
- Have at least one telephone that does not need electricity (wall plug model or cellular). Cordless phones don't work in a power outage.
- Fill your car's gas tank if a heavy storm is predicted.
- Fill your bathtub with water if you are on a well and a heavy storm is predicted. This water can be used for household purposes other than drinking (washing, flushing toilets).
- Make a written record of household possessions for insurance purposes. Record model and serial numbers. Be sure to include expensive furniture items and appliances that are too heavy to carry. Store the list somewhere away from home, such as a safe deposit box.
- Buy flood insurance if you live in an area that is flood-prone.
- Have plywood available to cover windows during a hurricane, especially if you live along the coast.
- Make arrangements for your pets. Most shelters do not allow pets. Prior to an emergency, call your County Emergency Management Office and ask them where you could leave your pet. Have ID, collar, leash and proof of vaccination for all pets. Have current photos of your pets in case they get lost.

### Emergency Planning for People with Disabilities

A disaster preparedness plan for a person with a disability should include a personal support network or "self-help team," consisting of family members and friends who know about the individual's special

needs and who are willing to help if disaster strikes. Members of your network may be roommates, relatives, neighbors, friends and co-workers. They should be available during or immediately after the disaster. They should be people that you trust and who care about your safety. They should know your capabilities and needs and be able to make the necessary health and safety arrangements if you are trapped or unable to care for yourself following an emergency. Organize a separate self-help network for your home, school, workplace, volunteer site and any other place where you spend a lot of time.

The American Red Cross guide, *Disaster Preparedness for People with Disabilities*, recommends incorporating the following into personal support network plans:

- Do not depend on one person. Include a minimum of three people in your network for each location where you regularly spend a lot of time.

- Think about what your needs will be during a disaster. Write them down. Describe your needs in the areas of personal care, personal care equipment, medications (prescription and over-the-counter medicines), adaptive feeding devices, electricity-dependent equipment and transportation. If you have any service animals, such as a seeing-eye dog, include them, as well. Complete a medical information sheet. Wear medical alert tags or bracelets that help identify your disability. Know the name and address of more than one medical facility if you are dependent on any life-sustaining equipment or treatment.

- Give the network members copies of your evacuation plans and relevant emergency documents, too.

- Contact your local emergency information management office. It is listed in the government pages of your local phone book. Many offices maintain a registry of people with disabilities so they can be located and given assistance quickly in a disaster.

- Arrange with members of your network to check on you immediately if local officials give an evacuation order or if a disaster occurs. This is especially important if you are hard-of-hearing or deaf. Agree on how you and your network will communicate during and after an emergency. Your telephone may not be working.

Choose a signal for help that your network will understand, such as knocking on a wall, or using a whistle, bell, or high-pitched noisemaker. Visual signals could include hanging a sheet outside your window.

- Give the members of your network all the necessary keys they may need to get into your house or car.





### Message from the State Health Commissioner

Antonia C. Novello, M.D., M.P.H., Dr.P.H.

As a physician, I know from personal experience that life-altering events can occur with breathtaking speed. A patient may have an unexpected allergic reaction to a medicine. "Routine" surgery turns out to be anything but. A medical emergency can happen at any time.

Similarly, as a public health professional, I know that prevention and preparation are crucial to an effective response in an emergency. That's why we have been working closely with our local health departments, hospitals and health care practitioners to be ready for the unexpected, whether it might be widespread flu, a food-borne disease outbreak, or any other public health emergency. Our approach is summed up in the motto we chose for our health preparedness activities: **Aware/Prepare...Knowledge is power.**

Knowledge is power. If the electricity has gone off or a storm is raging outside, there are things that you and your family must do to stay safe. Please take the time to read through this supplement and learn more.

## Keep on Top of Things!

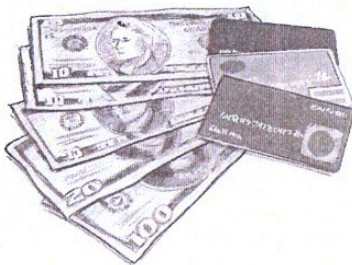
You'll need to be aware of what is happening in an emergency.

- Listen to the radio for information updates. If the electricity is off and you do not have a battery-powered radio, use your car radio. But never run your car for an extended period of time in an open or closed garage!
- Start thinking about what you would need to do if you had to leave your house:



- ♦ It's a good idea to have the bulk of your family's disaster supplies packed in an easy-to-carry container and ready to go quickly.
- ♦ Be sure to bring cash, as well as your ATM or credit card, change for the pay phone, telephone numbers of family

and friends, an extra set of car and house keys, your driver license or other photo ID, and valuable personal papers that cannot be easily replaced.



## On the Road...

If you leave home because of a flood, do not drive around barricades. They are there for your safety. If your car stalls in rapidly rising water, abandon it immediately and climb to higher

ground. If you evacuate your home due to a storm, let someone know your destination, your route and when you expect to arrive.

## Plan to Be Prepared!

Use the checklists below to help you prepare a reserve food and supply list for your family in case of an emergency.

### Food and Water

- Bottled water – two gallons per person per day
- Ready-to-eat canned foods – vegetables, fruit, beans, meat, fish, poultry, pasta, soup, juice
- Milk – powdered, canned or shelf-stable brick pack
- High energy foods – peanut butter, jelly, nuts, dried meat (for example, jerky), granola, trail mix
- Cereal and snacks – cookies, crackers
- Staples – sugar, salt, pepper, instant coffee, tea bags, cocoa
- Candy – chocolate bars, hard candy
- Infant and small children's needs – baby food, formula, disposable diapers
- Specialty food – for elderly or people on special diets
- Pet food (if needed)

### Health and Hygiene Supplies

- Prescription medication
- First aid kit and bandages, gauze pads, antiseptic, pain killers, tweezers, scissors
- Toilet paper
- Premoistened hand wipes – premoistened towelettes or baby wipes
- Disinfectant no-rinse hand soap
- Toiletries – toothpaste, deodorant
- Feminine hygiene supplies

### Household Supplies and Equipment

- One gallon liquid chlorine bleach – unscented with no soaps or additives
- Battery-powered radio
- Flashlights – one in each room of the house
- Extra fresh batteries for both radio and flashlights
- Gasoline (if you plan to use a generator)
- Propane fuel (if you plan to use a grill or camp stove)
- Charcoal (if you plan to use a barbecue grill)
- Disposable tableware, including paper towels and napkins
- Manual can opener
- Plastic bags – zip sealing, garbage
- Cash/travelers checks
- Fire extinguisher (small canister "ABC" type)
- Food product thermometer – able to measure temperature from 0 to 220 degrees Fahrenheit.

### Tools

- |   |                      |
|---|----------------------|
| Rope (for rescue, tow, tying down property) | Disinfecting spray   |
| Shovel                                      | Dust masks           |
| Hammer and nails                            | Mop                  |
| Utility knife                               | Paper towels         |
| Work gloves                                 | Rags (to clean with) |
| Duct tape                                   | Rubber gloves        |
| Electrical tape                             | Scrub brush          |
| Clean-up Supplies                           | Sponges              |
| Broom                                       | Trash bags           |
| Buckets                                     |                      |



## FOR MORE INFORMATION:

New York State Department of Health [www.health.state.ny.us](http://www.health.state.ny.us)

New York State Office of Homeland Security [www.state.ny.us/security](http://www.state.ny.us/security)

New York State Emergency Management Office [www.nysemo.state.ny.us](http://www.nysemo.state.ny.us)

American Red Cross [www.redcross.org](http://www.redcross.org)

## Stockpiled Supplies Available in Health Emergencies

Did you ever wonder what would happen if an exotic illness like SARS or a new strain of flu arrived unexpectedly in New York and started making hundreds of people sick? New York officials, along with their federal and local counterparts, have been working together to be ready to provide mass immunizations or mass medications, should it ever become necessary.

At the Governor's request, the federal Strategic National Stockpile (SNS) could arrive in New York State within 12 hours. The SNS is a national repository of antibiotics, chemical antidotes, antitoxins, life-support medications, IV administration, airway maintenance supplies, and medical/surgical items. It is designed to supplement and re-supply state and local public health agencies in the event of a serious public health threat.

Every county in New York State has identified various places where antibiotics, vaccines and other medical supplies could be quickly distributed, if needed, to help prevent illness. In an emergency, these sites would be announced on radio and TV.

If you are directed to go to a public health emergency medication pick up site, you should have the following with you:

- Photo identification
- Your address and emergency contact phone number
- Names and ages of all household members
- Weights of all persons in your household under 100 pounds
- Medication allergies of all persons
- Known medical conditions, including
  - Liver problems
  - Kidney problems
  - Epilepsy
  - Heart condition
  - Immuno-compromised
  - Skin condition
  - Pregnancy or breastfeeding

Write down this information now, and update it often, so you will have it if needed.

## Your Local Health Department—Making your Community Healthier

Whether helping someone bitten by a rabid animal, investigating an outbreak of foodborne disease, providing education about West Nile Virus, or giving flu shots, your local health department is a valuable resource. Every county in New York State, as well as New York City, has a local health department which is working to reduce illness, promote wellness and prepare for, and respond to public health emergencies.

To find out how to contact your local health department, visit the State Health Department's website at: <http://www.health.state.ny.us/nysdoh/lhu/map.htm> or check the government pages of your local telephone directory.

Keep the telephone number somewhere you will be sure to find it.

## If You Feel Overwhelmed

Prolonged or negative stress, that could occur in natural or manmade emergencies, can take an especially heavy toll on your physical well-being. Stress affects the body in a variety of ways. In extreme stress, such as fear, we experience many different physical reactions, ranging from increased adrenaline and blood pressure to dilated pupils. These are important defense mechanisms for our bodies but they can also be very harmful if stress continues for too long.

Persons who feel extreme anxiety and stress often experience symptoms such as: back pain; muscle tension; headaches; hand tremors; diarrhea; constipation; pounding heart; chest pains; shortness of breath; a burning sensation in the chest; feeling faint and dizzy; a lingering head cold; ringing in the ears; teeth grinding; hives or skin rashes; indigestion or gas pains; loss of appetite; nausea; vomiting and stomach pain. These symptoms may also relate to a physical disorder. If the symptoms appear suddenly, are severe or persist, see your health care provider.

Because individuals have varying responses to trauma, as an extension of its previous "Project Liberty" effort, the State

Office of Mental Health is referring anyone who now desires crisis counseling services to LIFENET, a 24-hour mental health information and referral line. LIFENET operators provide free, confidential crisis referral and information services. Round-the-clock referral specialists will listen to your problems, assess your needs and get you assistance quickly.

LIFENET assistance is available in multiple languages and to individuals who are deaf or who have hearing impairments. LIFENET can be reached at:

For English Speakers 1-800-LIFENET  
1-800-543-3638

For Spanish Speakers 1877-AYUDESE  
1-877-298-3373

For Chinese and Korean Speakers  
1-877-990-8585

For People with Hearing Impairments  
(TTY) 1-212-982-5284

For Other Languages 1-800-LIFENET  
Ask for an interpreter

For more information about where to find counseling services, visit <http://www.projectliberty.state.ny.us>

## Preparedness at Work

Since many people spend most of their day at their job, it makes sense to be prepared if an emergency happens while you are at work. Decide in advance how you will deal with your personal or medical needs if you must remain where you are due to an emergency (shelter-in-place). Plan how your family will be taken care of if you can't get home. Will they know what to do if they cannot communicate with you?

It's also important to know exactly what would happen in your workplace during an emergency. Many workplaces already have emergency plans. Know the plan, and how it affects you. Practice the plan during drills, so you will know how to get out of your building quickly. Also, be sure to tell your employer if you need help walking down the stairs or require some other assistance. The following checklist can help you plan:

- Know where there are safe places (e.g., in the stairwells, under heavy tables or desks; rooms away from windows) and dangerous places (e.g., near windows; heavy furniture and equipment that may get knocked over).
- Know the locations of fire extinguishers, first aid supplies, and fire alarms in your office; post emergency numbers in a location that is visible and accessible.
- Know your floor wardens. If you will need assistance of any kind, let them know now, before an emergency occurs.
- Know several evacuation routes from your work area.
- Assemble a workplace emergency kit and keep it handy. Consider including: sensible shoes; warm jacket; high energy snacks; foil water pouches or bottled water; flashlight with fresh batteries; working AM/FM portable radio; and a first aid kit. If you are taking prescription medicine or use durable medical equipment, be sure you have backup supplies.



# *God Bless The U.S.A.!*

## Helping Katrina's Victims

The BBB Wise Giving Alliance, or BBB WGA (<http://www.give.org/>), a 501(c)(3) charitable organization affiliated with the Council of Better Business Bureau, suggests that people interested in helping Hurricane Katrina's victims keep the following in mind:

- Be wary of charities that are inexperienced at relief efforts but are now soliciting hurricane assistance. They may be well-intentioned but unable to react in a timely fashion.
- Look carefully at organizations that make long-winded emotional appeals but say little about what they'll be doing to assist victims and how they plan to allocate funds.
- In disaster-relief situations, most charities prefer financial contributions rather than donated goods. Inappropriate items can clog transportation channels.
- Do not give cash; make out your check or money order to the charitable organization, not to an individual.
- To access detailed evaluative information on relief organizations, visit the reports section of the BBB WGA website at [www.give.org/reports/index.asp](http://www.give.org/reports/index.asp).
- Always research a charity before making contributions to it, especially online. Some charities imitate the name and style of a well-known organization; others use a "phishing" scam, sending emails with links to a "false" website.
- Beware of charities that apply excessive pressure for on-the-spot donations.
- Do not give your credit card number or any other personal information to a telephone solicitor or in response to an email solicitation. Ask the caller or sender to provide you with written information on the charity's programs and finances.
- Be wary of charities that are reluctant to answer reasonable questions about their operations, finances and programs. You have a right to know how your gift will be used - to what extent it will go toward administrative costs and fund-raising, for example.
- For your contribution to be tax-deductible, it must be given to a charitable organization that's tax-exempt under section 170(c) of the Internal Revenue Code. Go to IRS Publication 78, at <http://www.irs.gov/>, for a list of organizations that fall into that category.

The following organizations have announced that they will be providing relief assistance to Hurricane Katrina's victims or collecting funds for those efforts:

- American Red Cross: 202-303-4498, <http://www.redcross.org/>
- America's Second Harvest: 312-263-2303, <http://www.secondharvest.org/>



- AmeriCares: 203-658-9500, 800-486-4357, <http://www.americares.org/>
- B'nai B'rith International: 202-857-6600, 888-388-4224, <http://www.bnaibrith.org/>
- Catholic Charities USA: 703-549-1390, <http://www.catholiccharitiesusa.org/>
- Feed the Children: 405-942-0228, 800-627-4556, <http://www.feedthechildren.org/>
- Humane Society of the United States: 202-452-1100, <http://www.hsus.org/>
- MAP International: 912-265-6010, 800-225-8550, <http://www.map.org/>
- Mercy Corps: 503-796-6800, 800-292-3355, <http://www.mercycorps.org/>
- Network for Good: 703-265-3235, <http://www.networkforgood.org/>
- North Shore Animal League America: 877-4SAVEPET, <http://www.nsalamerica.org/>
- United Jewish Communities: 212-284-6500, <http://www.ujc.org/>
- United Methodist Committee on Relief: 800-554-8583, [www.gbgn-umc.org/umcor](http://www.gbgn-umc.org/umcor)
- United Way of America: 703-836-7100, 800-892-2757, <http://www.unitedway.org/>
- World Emergency Relief: 760-930-8001, 888-484-4543, <http://www.worldemergency.org/>

## **BSA To Match Katrina Relief Donations**

**Brookhaven Science Associates (BSA)**, the company that manages BNL, has offered to match donations made to victims of hurricane Katrina by BNLers and retirees, facility users, and Lab subcontractors, up to the amount of \$25,000.

If you would like to join in this opportunity to double your donation, mail or fax a copy of your checks or money order or credit-card bill showing the amount given to any charitable organization that is handling relief for the Katrina victims (with the account number and unnecessary information blacked out if preferred) to Susan Dyroff, CEGPA, Bldg. 134 or fax Ext. 5004. Your information will be kept confidential and destroyed when the effort is concluded.

*God Bless The U.S.A.!*

*We wish all of you born in **SEPTEMBER**  
a happy and healthy year ahead.*

Birthday people ONLY click on cake



*God Bless The U.S.A.!*

August

*God Bless The U.S.A.!*

**Bob Marascia's Retirement Party on July 27th**







photos by Ripp Bowman July 27, 2005

## *God Bless The U.S.A..!*

Loralie (Vacuum Group) and Cary can't believe their daughter Alina is already 4 months old and she cut her first tooth a day before she was 4 months olds, and the second two days later!! Here's a photo of their happy baby!



## *God Bless The U.S.A..!*

### **Magic Squares**

Put the numbers in order so that they read 1-8.  
The 0 is the 'empty' place. Click on any  
number  
next to 0 and they will switch places.

# of moves:

Free JavaScripts provided  
by [The JavaScript Source](#)

## *God Bless The U.S.A..!*



**ALUMNI NEWS: AGS/RHIC/C-AD RETIRED CROWD** - We'd enjoy hearing from you and what you have been up to. Please send your notes to <mailto:pmanning@bnl.gov>

You can catch up on all of Eric Forsyth's travels by clicking on his sailing yacht below



*God Bless The U.S.A.!*

## Seminars by William B. Wood

**Monday, September 12<sup>th</sup>**

### **"Breaking Left-Right Symmetry in Early Embryos"**

Chirality and handedness choice in *C. elegans*

**Molecular Genetics and Microbiology Department Seminar**

Life Sciences Seminar Room 038, 12 noon

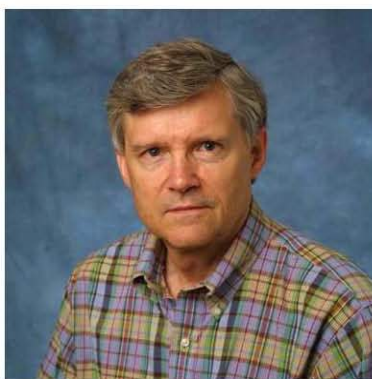
**Tuesday, September 13<sup>th</sup>**

### **"Teaching More by Lecturing Less"**

Why we need to change the way we teach

**Provost's Lecture Series**

Lecture Hall 1, Wang Center, 4 pm



William B. Wood has taught at California Institute of Technology and University of Colorado, Boulder, where he is Distinguished Professor of Molecular, Cellular and Developmental Biology. He holds a B.A. degree from Harvard College and a Ph.D. in Biochemistry from Stanford University, and he is a member of both the National Academy of Sciences and the American Academy of Arts and Sciences. His current research is on the genetic control and molecular biology of axis formation and patterning in embryos of the nematode *C. elegans*. Earlier, he was lead author of the widely used textbook *Biochemistry: A Problems Approach*, which helped to introduce problem-based learning to biochemistry. He was a member of the National Research Council (NRC) committee that produced the report *Learning and Understanding: Improving Advanced Study of Mathematics and Science in U.S. High Schools*, and he is currently co-chair of the NRC committee on the National Academies Summer Institutes on Undergraduate Education in Biology.

**The BERA Store is open Monday- Friday 9am-3pm.**

*For your convenience, use your BSA account, cash or credit card.*

In addition to offering a wide array of BNL logo items such as golf shirts, tee shirts, toys, and health & beauty aids, we also have phone cards & Adaptor/European voltage converters (great for visitors), discount movie tickets for all local movies (including Island 16), \$4.99 film service, greeting cards & more.

~For meetings & gift ideas for guests~

Pens, mugs, padfolios in 3 styles, elegant pen/key chain sets,  
Umbrellas, travel clocks, calculators & mouse pads.



<http://www.bnl.gov/bera/recreation/berastore.asp>

Fresh Flowers have arrived at the BERA Store!  
BIG Market bouquet \$8



**KeySpan** offers HUGE discounts on *consumer electronics, appliances* & great discounts on air conditioning services! Ask for a quote!

<https://www.climateiseverything.com/bnl/default.asp>

Louisiana **Red** in Concert with Doug 'Harmonica' McLean at Brookhaven Lab The American Primitive String Band to Open the Show, September 23

The veteran blues musician Louisiana Red will appear in concert with Doug "Hamonica" McLean, a local blues artist, in Berkner Hall on Friday, September 23, at 8 p.m. The American Primitive String Band, another local group, will open the show with a performance based on the 1952 recording titled The Anthology of American Folk Music. Sponsored



by the BNL Music Club and the Long Island Blues Society, the concert will be open to the public. All visitors to the Laboratory age 16 and over must bring a photo ID.

Performing for more than 50 years with such blues greats as B.B. King, Jimmy Rogers, Otis Spann and Muddy Waters, Louisiana Red is considered one of the best blues-musician storytellers. Through his guitar-work and singing, Louisiana Red has created his own style. His songs often express his current state of mind in spontaneous composition that goes back to Delta blues artists. Louisiana Red's albums have been critically acclaimed as masterpieces, and, in 1983, he won a W.C. Handy Award as best traditional blues artist.

Doug "Harmonica" McLean has played the Long Island blues scene since the 1970s, when he first played with Louisiana Red. A master of all styles of mouth harp, McLean has performed at Brookhaven Lab several times.

Composed of three of Long Island's top folk musicians -- Kenny Holly, Ken Korb and Dee Harris --The American Primitive String Band will play American folk music that was originally commercially released on 78 rpm records between 1927 and 1935. These recordings have been extremely influential in shaping the popular music scene in the U.S. in the 1950s and later, inspiring contemporary musicians such as Bob Dylan.

Tickets for the concert cost \$15 each. Tickets may be purchased in advance from <http://www.ticketweb.com/>; from the Brookhaven Employees Recreation Association Sales Office on weekdays, from 9 a.m. to 3 p.m.; or at the door on the evening of the performance. For more information, call (631) 344-3846.

Visit Brookhaven Lab's electronic newsroom for links, news archives, graphics, and more: <http://www.bnl.gov/newsroom>



# 1<sup>st</sup> Annual Block Party Sunday, October 2, 2005

Sponsored by: QOL, Hospitality and ESOL

**All Are Welcome!!!**  
Students, Post-docs, employees and visitors!

*Place:* Gazebo at the apartments

*Time:* Noon - 4:00pm

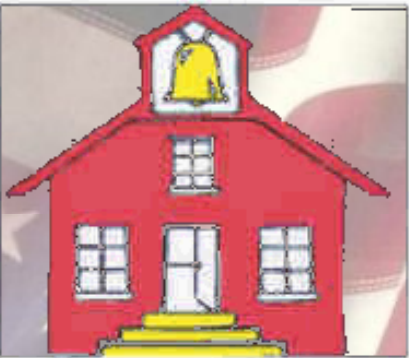
(If rainy weather, we will move to the Rec Hall, Bldg. 317)

**Featuring:**

Food, Music and Dancing to a DJ  
Children's games and even a Bouncy House!

For More Information Contact:

Jennifer Lynch, 344-4894 or Christine Carter, 344-5090



## September 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3



4	5 <b>Labor Day Holiday</b>	6	7	8 <b>Blood Drive 9:30-3pm Center</b>  <b>Book Fair 10- 2pm Berkner Lobby</b>  <b>Community Advisory Council Meeting</b> "Open to the Public" 7:00 PM, Berkner Hall, Room B	9 <b>Accelerator Physics Seminar</b> "Beam-Beam Simulation Studies for eRHIC", C. Montag, 4pm 911B, LCR	10
11 <b>Patriot's Day</b>	12	13 <b>BSA Colloquium</b> "Science Policy and Politics" Pat Looney, BNL Hosted by Peter Wanderer 4:00 PM, Berkner Hall Auditorium	14 <b>Brookhaven Women in Science</b> Guest Speaker Elizabeth Ivey "Improving Support for Women in Science and Engineering - What is and Isn't Happening" noon- 1pm Berkner Auditorium	15	16 <b>Accelerator Physics Seminar</b> "Studies in the Secondary Emission Enhanced Photoinjector", X. Chang, 4pm 911B, LCR	17
18	19	20	21 <b>Brookhaven Lecture</b> "Photovoltaics and the Environment" Vasilis Fthenakis, Environmental Sciences Department 4:00 PM, Berkner Hall Auditorium	22 <b>Autumn Begins</b>  Keeping a Healthy Heart, D. Kane, RD, noon-1pm Berkner Auditorium	23	24
25	26	27	28	29	30	





# October 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4 Rosh Hashanah	5	6	7	8
9	10	11	12	13 Yom Kippur	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30 Daylight Savings Time Ends	31 					

Editor: [Pamela Manning x4072](#)



**We Remember**  
*Sept. 11, 2001*